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RAW SEQUENCE LISTING

DATE: 12/26/2001

PATENT APPLICATION: US/09/875,076

TIME: 16:20:14

Input Set : N:\Crif3\RULE60\09875076.RAW.txt

Output Set: N:\CRF3\12262001\I875076.raw

1 <110> APPLICANT: Chen, Ruoping
2 Dang, Huong T.
3 Liaw, Chen W.
4 Lin, I-Lin
5 <120> TITLE OF INVENTION: Human Orphan G Protein Coupled Receptors
6 <130> FILE REFERENCE: AREN0050
7 <140> CURRENT APPLICATION NUMBER: 09/875,076
8 <141> CURRENT FILING DATE: 2001-06-06
9 <150> PRIOR APPLICATION NUMBER: 09/417,044
10 <151> PRIOR FILING DATE: 1999-10-12
11 <150> PRIOR APPLICATION NUMBER: 60/120,416
12 <151> PRIOR FILING DATE: 1999-02-16
13 <150> PRIOR APPLICATION NUMBER: 60/121,851
14 <151> PRIOR FILING DATE: 1999-02-26
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42 <151> PRIOR FILING DATE: 1999-10-01
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62      gtgaatagta cagctgtgcc cacaacacca gcagcattta agagcctaaa ctgacctctt 240
63      cagatcaccc tttctgctat aatgatattc attctgtttg tgtcttttct tgggaacttg 300
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67      ttctggttat ttgtgataga aggagtacc atcctgtctc tcattagcat agatagggtc 540
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89      20          25          30
90      Pro Pro Phe Gln His Pro Asp Leu Ser Pro Leu Leu Arg Tyr Ser Phe
91      35          40          45
92      Glu Thr Met Ala Pro Thr Gly Leu Ser Ser Leu Thr Val Asn Ser Thr
93      50          55          60
94      Ala Val Pro Thr Thr Pro Ala Ala Phe Lys Ser Leu Asn Leu Pro Leu
95      65          70          75          80
96      Gln Ile Thr Leu Ser Ala Ile Met Ile Phe Ile Leu Phe Val Ser Phe
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98      Leu Gly Asn Leu Val Val Cys Leu Met Val Tyr Gln Lys Ala Ala Met

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103          130          135          140
104 Thr Arg Trp Ile Phe Gly Lys Phe Phe Cys Arg Val Ser Ala Met Phe
105          145          150          155          160
106 Phe Trp Leu Phe Val Ile Glu Gly Val Ala Ile Leu Leu Ile Ile Ser
107          165          170          175
108 Ile Asp Arg Phe Leu Ile Ile Val Gln Arg Gln Asp Lys Leu Asn Pro
109          180          185          190
110 Tyr Arg Ala Lys Val Leu Ile Ala Val Ser Trp Ala Thr Ser Phe Cys
111          195          200          205
112 Val Ala Phe Pro Leu Ala Val Gly Asn Pro Asp Leu Gln Ile Pro Ser
113          210          215          220
114 Arg Ala Pro Gln Cys Val Phe Gly Tyr Thr Thr Asn Pro Gly Tyr Gln
115          225          230          235          240
116 Ala Tyr Val Ile Leu Ile Ser Leu Ile Ser Phe Phe Ile Pro Phe Leu
117          245          250          255
118 Val Ile Leu Tyr Ser Phe Met Gly Ile Leu Asn Thr Leu Arg His Asn
119          260          265          270
120 Ala Leu Arg Ile His Ser Tyr Pro Glu Gly Ile Cys Leu Ser Gln Ala
121          275          280          285
122 Ser Lys Leu Gly Leu Met Ser Leu Gln Arg Pro Phe Gln Met Ser Ile
123          290          295          300
124 Asp Met Gly Phe Lys Thr Arg Ala Phe Thr Thr Ile Leu Ile Leu Phe
125          305          310          315          320
126 Ala Val Phe Ile Val Cys Trp Ala Pro Phe Thr Thr Tyr Ser Leu Val
127          325          330          335
128 Ala Thr Phe Ser Lys His Phe Tyr Tyr Gln His Asn Phe Phe Glu Ile
129          340          345          350
130 Ser Thr Trp Leu Leu Trp Leu Cys Tyr Leu Lys Ser Ala Leu Asn Pro
131          355          360          365
132 Leu Ile Tyr Tyr Trp Arg Ile Lys Lys Phe His Asp Ala Cys Leu Asp
133          370          375          380
134 Met Met Pro Lys Ser Phe Lys Phe Leu Pro Gln Leu Pro Gly His Thr
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147 gcqctagccc tctgggtctt cctgcgcgcg ctgcgcgtgc actcggtggt gacggtgtac 180
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151      gccgccaatg tgcacccgct ggcactgcgc cacctgcggc ggcccccgct ggcgcggctg 420
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174      Leu Ala Ala Gly Leu Pro Leu Asn Ala Leu Ala Leu Trp Val Phe Leu
175      35 40 45
176      Arg Ala Leu Arg Val His Ser Val Val Ser Val Tyr Met Cys Asn Leu
177      50 55 60
178      Ala Ala Ser Asp Leu Leu Phe Thr Leu Ser Leu Pro Val Arg Leu Ser
179      65 70 75 80
180      Tyr Tyr Ala Leu His His Trp Pro Phe Pro Asp Leu Leu Cys Gln Thr
181      85 90 95
182      Thr Gly Ala Ile Phe Gln Met Asn Met Tyr Gly Ser Cys Ile Phe Leu
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184      Met Leu Ile Asn Val Asp Arg Tyr Ala Ala Ile Val His Pro Leu Arg
185      115 120 125
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187      130 135 140
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190      Arg Pro Ser Arg Cys Arg Tyr Arg Asp Leu Glu Val Arg Leu Cys Phe
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192      Glu Ser Phe Ser Asp Glu Leu Trp Lys Gly Arg Leu Leu Pro Leu Val
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195      195 200 205
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197      210 215 220
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199      225      230      235      240
200 Val Ile Phe Leu Leu Cys Phe Val Pro Tyr Asn Ser Thr Leu Ala Val
201      245      250      255
202 Tyr Gly Leu Leu Arg Ser Lys Leu Val Ala Ala Ser Val Pro Ala Arg
203      260      265      270
204 Asp Arg Val Arg Gly Val Leu Met Val Met Val Leu Leu Ala Gly Ala
205      275      280      285
206 Asn Cys Val Leu Asp Pro Leu Val Tyr Tyr Phe Ser Ala Glu Gly Phe
207      290      295      300
208 Arg Asn Thr Leu Arg Gly Leu Gly Thr Pro His Arg Ala Arg Thr Ser
209      305      310      315      320
210 Ala Thr Asn Gly Thr Arg Ala Ala Leu Ala Gln Ser Glu Arg Ser Ala
211      325      330      335
212 Val Thr Thr Asp Ala Thr Arg Pro Asp Ala Ala Ser Gln Gly Leu Leu
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